

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	("20040117117" "20040241045" "20040249654" "5571724" "6356205" "6915211").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 10:57
S35	2	"6597992".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:29

## EAST Search History

S36	107	("20010036295"   "20020035431"   "4219776"   "4403312"   "4712424"   "4722220"   "4806153"   "4809790"   "4930110"   "4973970"   "4996421"   "5010776"   "5063519"   "5150622"   "5151870"   "5246862"   "5282389"   "5316950"   "5351532"   "5355815"   "5359511"   "5375663"   "5383114"   "5408182"   "5410252"   "5416321"   "5435176"   "5435399"   "5467271"   "5493494"   "5497091"   "5519609"   "5539704"   "5553407"   "5563949"   "5631658"   "5646844"   "5652519"   "5659985"   "5668719"   "5673050"   "5681982"   "5684476"   "5687093"   "5704142"   "5721679"   "5751576"   "5754137"   "5771169"   "5798940"   "5809440"   "5813798"   "5835883"   "5838564"   "5838634"   "5841282"   "5862512"   "5870689"   "5878371"   "5884224"   "5887491"   "5892362"   "5892732"   "5902343"   "5905036"   "5907111"   "5919242"   "5923270"   "5930730"   "5938709"   "5955973"   "5961573"   "5978723"   "5987383"   "5991687"   "5995894"   "5995895"   "5995906"   "5996702"   "6016713"   "6029106"   "6041582"   "6044316"   "6044324"   "6047227"   "6061618"   "6085135"   "6092026"   "6119069"   "6119376"   "6119531"   "6131069"   "6141614"   "6160902"   "6164223"   "6191732"   "6195604"   "6195922"   "6199000"   "6236907"   "6236924"   "6249746"   "6266595"   "6349775").PN. OR ("6597992").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 16:51
S37	2	("5447055" "6938506").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 16:31
S38	3	("4624194" "5246862" "7058509"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 16:31

## EAST Search History

S39	7	S36 and gas and GPS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:51
S40	45	("3464504"   "3502543"   "3593809"   "4266878"   "4284150"   "4332301"   "4333541"   "4482021"   "4630773"   "4685339"   "4828047"   "4998590"   "5033397"   "5038040"   "5044756"   "5076372"   "5213169"   "5298139"   "5310462"   "5332480"   "5355815"   "5366601"   "5453924"   "5461229"   "5467271"   "5548115"   "5561516"   "5587538"   "Re35100").PN. OR ("5887491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:29
S41	0	S40 and gas and GPS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/18 16:55
S42	1	"5887491".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:29
S43	1	S42 and "72"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:31
S44	1	S42 and "52"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:33
S45	1	S42 and "108"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:34
S46	1	S42 and S42	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:35
S47	1	S42 and "38"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:36
S48	1	S42 and "36"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:39
S49	1	S42 and "54"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/18 17:50

## EAST Search History

S50	1	S42 and (moisture fluid liquid vapor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 17:39
S51	1	"5887491".pn. and chromatography	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 17:44
S52	1	"5887491".pn. and detect\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 17:52
S53	1	"5887491".pn. and hole	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/19 17:53
S54	2	"5887491".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 10:57
S55	2	S54 and probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 10:59
S56	0	S54 and diameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 10:59
S57	1	S54 and inch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 11:23
S58	40192	S54 and waterproof or watertight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 11:24
S59	0	S54 and (waterproof or watertight)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 11:24
S60	0	S54 and (o:ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 11:24

## EAST Search History

S61	0	o?1ring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 11:25
S62	0	S54 and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:31
S63	2	"5887491".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:32
S64	0	S63 and calibrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:32
S65	0	S63 and calibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:41
S66	0	S63 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:41
S67	1	S63 and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:46
S68	0	"6597992".pn. and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:47
S69	2	"6597992".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:47
S70	1	S69 and error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 14:57

## EAST Search History

S71	2	S69 and field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:12
S72	436511	penetrometer or probe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:12
S73	75555	S72 and conductiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:13
S74	11295	S73 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:13
S75	1977	S74 and removable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:13
S76	175	S75 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:14
S77	5	S76 and waterproof	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:15
S78	1098	S72 and conductiv\$4 and removable and (waterproof or O-ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:16
S79	359	(S72 same conductiv\$4) and removable and (waterproof or O-ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:16
S80	13	(S72 same conductiv\$4) and removeable and (waterproof or O-ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:16

## EAST Search History

S81	359	(S72 same conductiv\$4) and removable and (waterproof or O-ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:17
S82	12	S81 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:20
S83	11	conductivity adj nose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:21
S84	22559	conductiv\$ with (probe or penetrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:22
S85	549	S84 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:22
S86	1915	conductiv\$4 adj (nose or tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:23
S87	436	S86 same (probe or penetrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:23
S88	5	S87 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:36
S89	97	removable with probe with conductiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:36
S90	99	removable with (probe or penetrometer) with conductiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 15:38

## EAST Search History

S91	8	S90 and soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:16
S92	2	"6215317" and removable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:17
S93	2	"6215317" and removabl\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:33
S94	12	"6215317" and conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:33
S95	0	"6215317.pn." and conduct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:33
S96	0	"6215317.pn." and conducting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:34
S97	1	"6215317".pn. and conducting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:34
S98	2	"6215317".pn. and conduct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:38
S99	295	soil same (conduct\$5 with (probe or penetrometer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 16:46
S100	36	soil same (conduct\$5 with (probe or penetrometer)) same remov\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:26



## EAST Search History

S10 1	4	probe same (cartridge adj heating adj element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:39
S10 2	1	"6487920".pn. and remov\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:40
S10 3	1	"6487920".pn. and (remov\$4 or replac\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:49
S10 4	2352	soil with (probe or penetrometer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:49
S10 5	189	S104 and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/23 17:50
S10 6	1	"6487920".pn. and cartridge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/24 14:07